

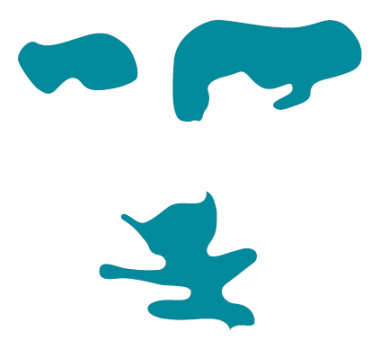


“The Bloody Epidemic”

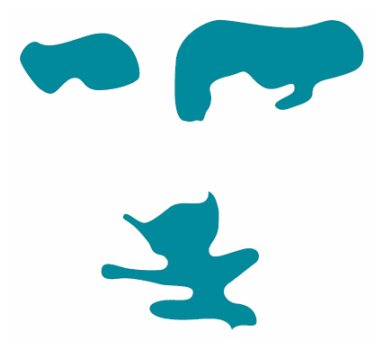
Chief Medical Officer

Prof. Thomas J. Borody MD, PhD, FRACP, FACG

Summary: MAP

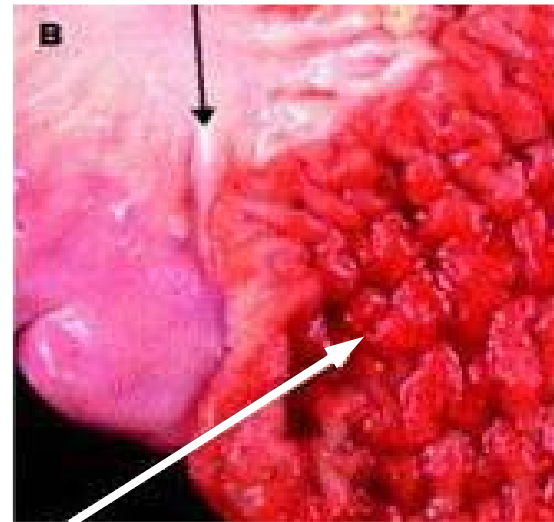
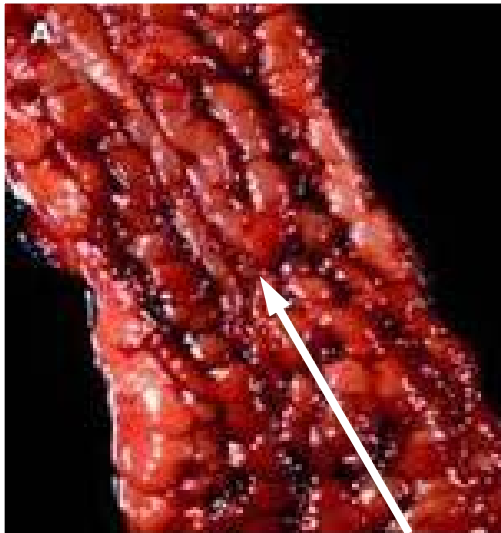
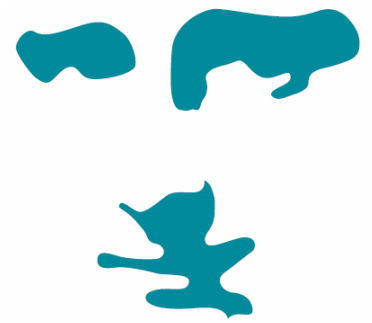


MAP: Global Epidemic

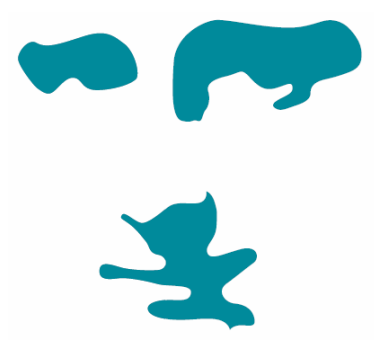


– Same cause?

MAP: Global Epidemic



MAP Transmission

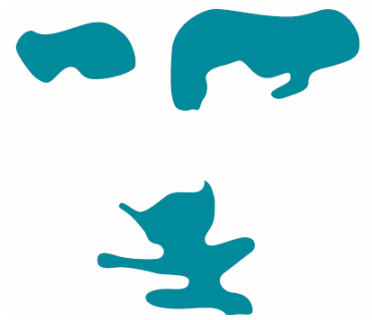


MAP Transmission

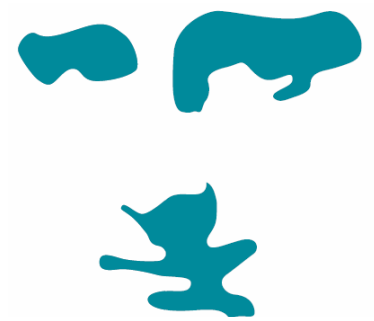


>1 million infectious doses per day

Infected Cattle are Culled & Consumed

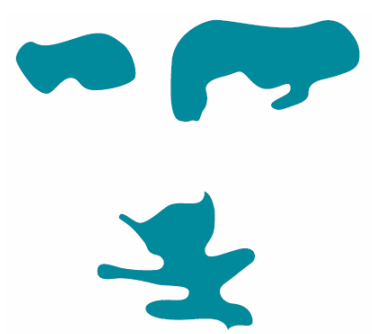


Infected Cattle are Culled & Consumed



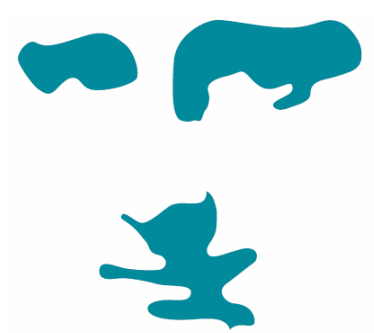
- Test-and-cull JD control programs are essentially test-and-feed-to-the-public

MAP Prevalent in Dairy Cows



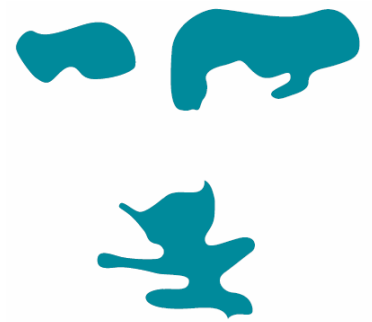
Dairy Cows

MAP Prevalent in Dairy Cows

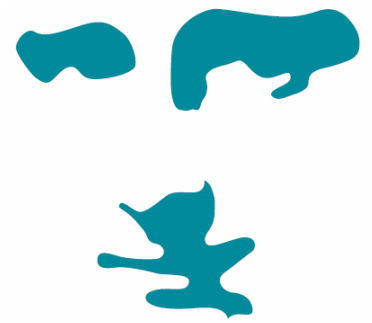


Dairy Cows

MAP Can Survive Cooking & Pasteurisation



MAP Can Survive in Water Supplies



Source



Susceptible host



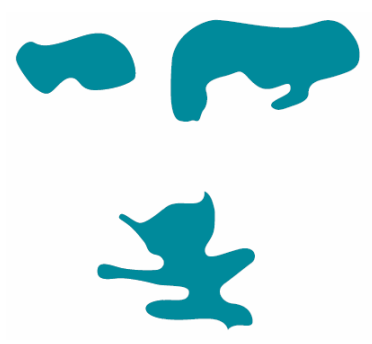
Vehicles



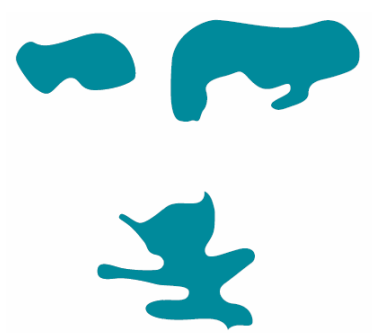
Vehicles



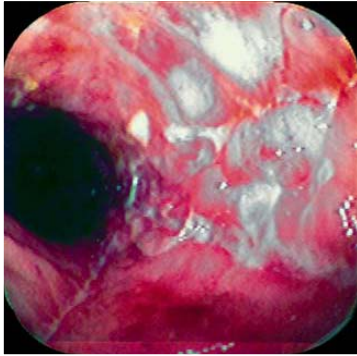
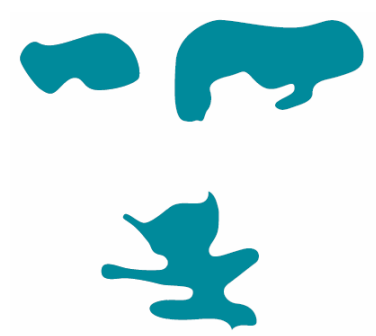
The Big Question:



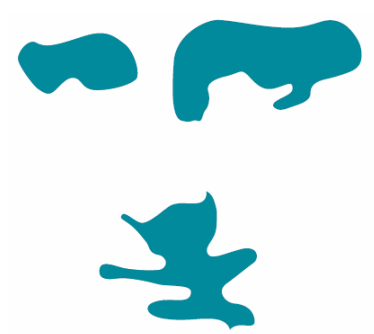
Anti-MAP Therapy for Crohn's Disease



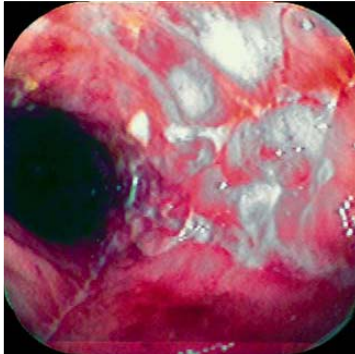
CDD Results: Phase II Trial



CDD Results: Phase II Trial



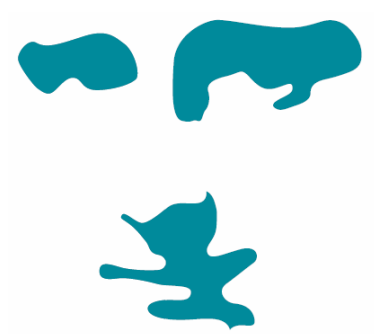
Deep
colonic
ulcers



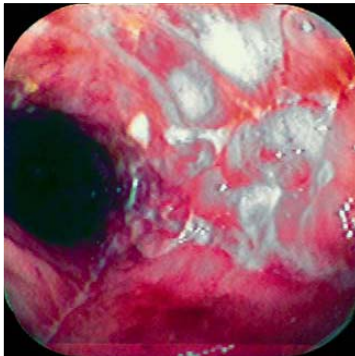
Extensive
pseudopolyps



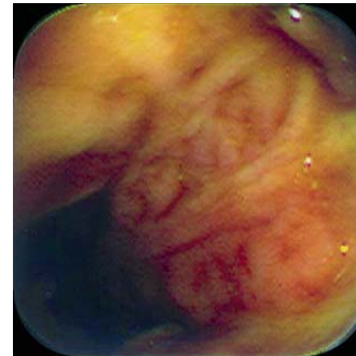
CDD Results: Phase II Trial



Deep
colonic
ulcers



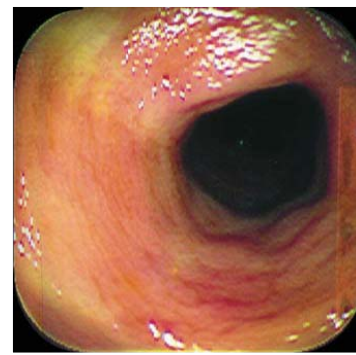
Healing
with scars



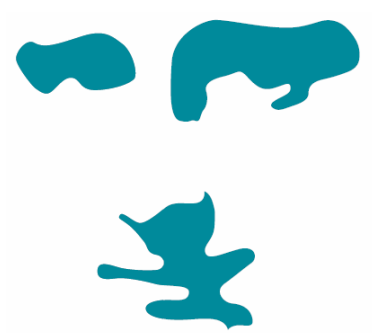
Extensive
pseudopolyps



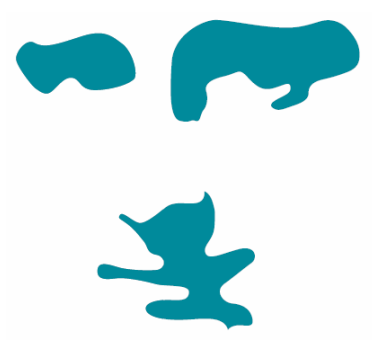
Recovered
mucosa



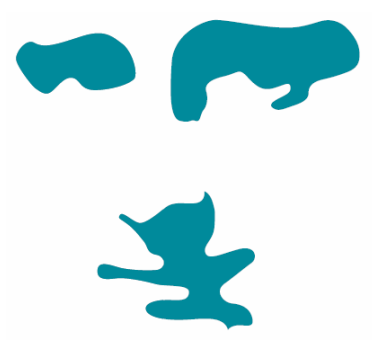
CDD Results: Retrospective Analysis



Conclusion: MAP

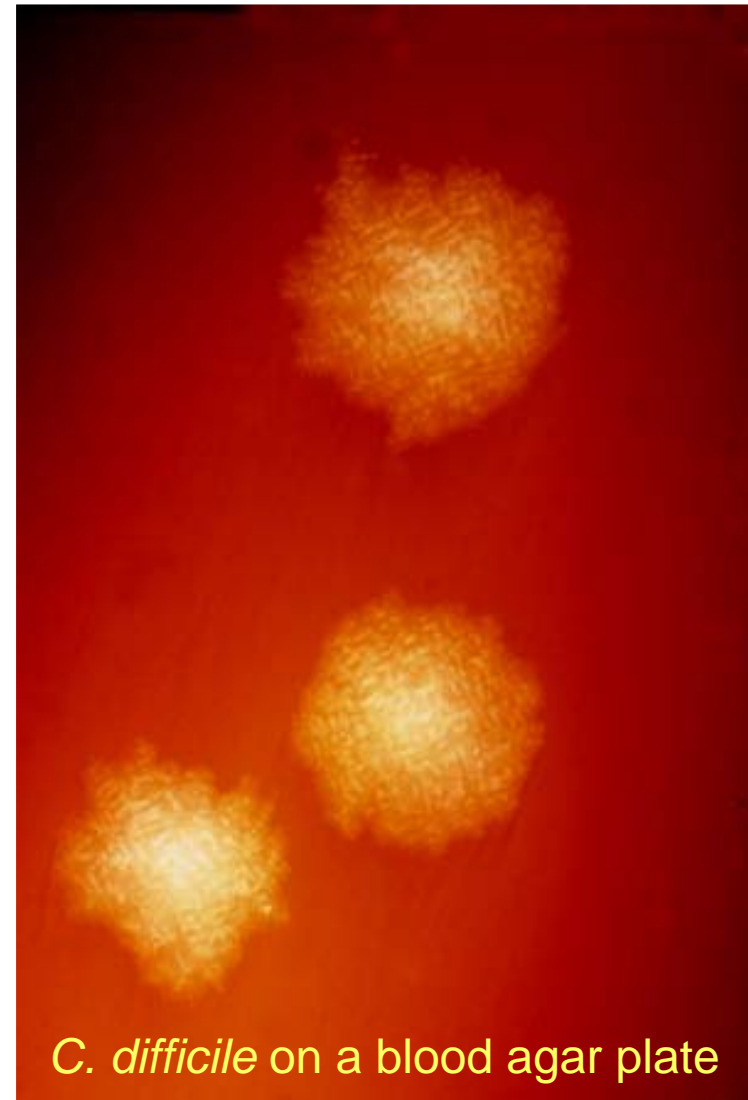
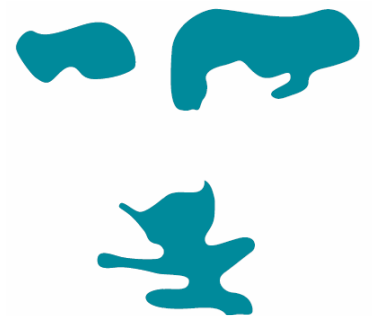


A New Target for GIA: *Clostridium difficile*



Introduction:

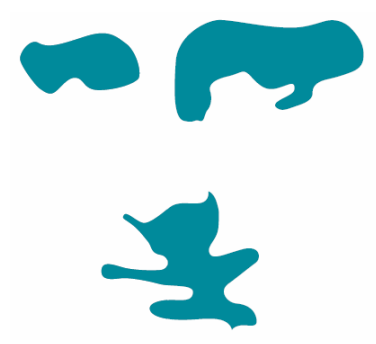
Clostridium difficile



C. difficile on a blood agar plate

Introduction:

Clostridium difficile



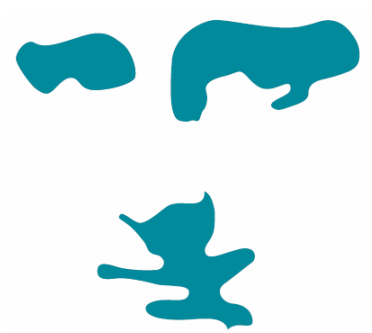
CDAD

Introduction:

Clostridium difficile



Clostridium difficile:
An Escalating Problem



Current Therapies

